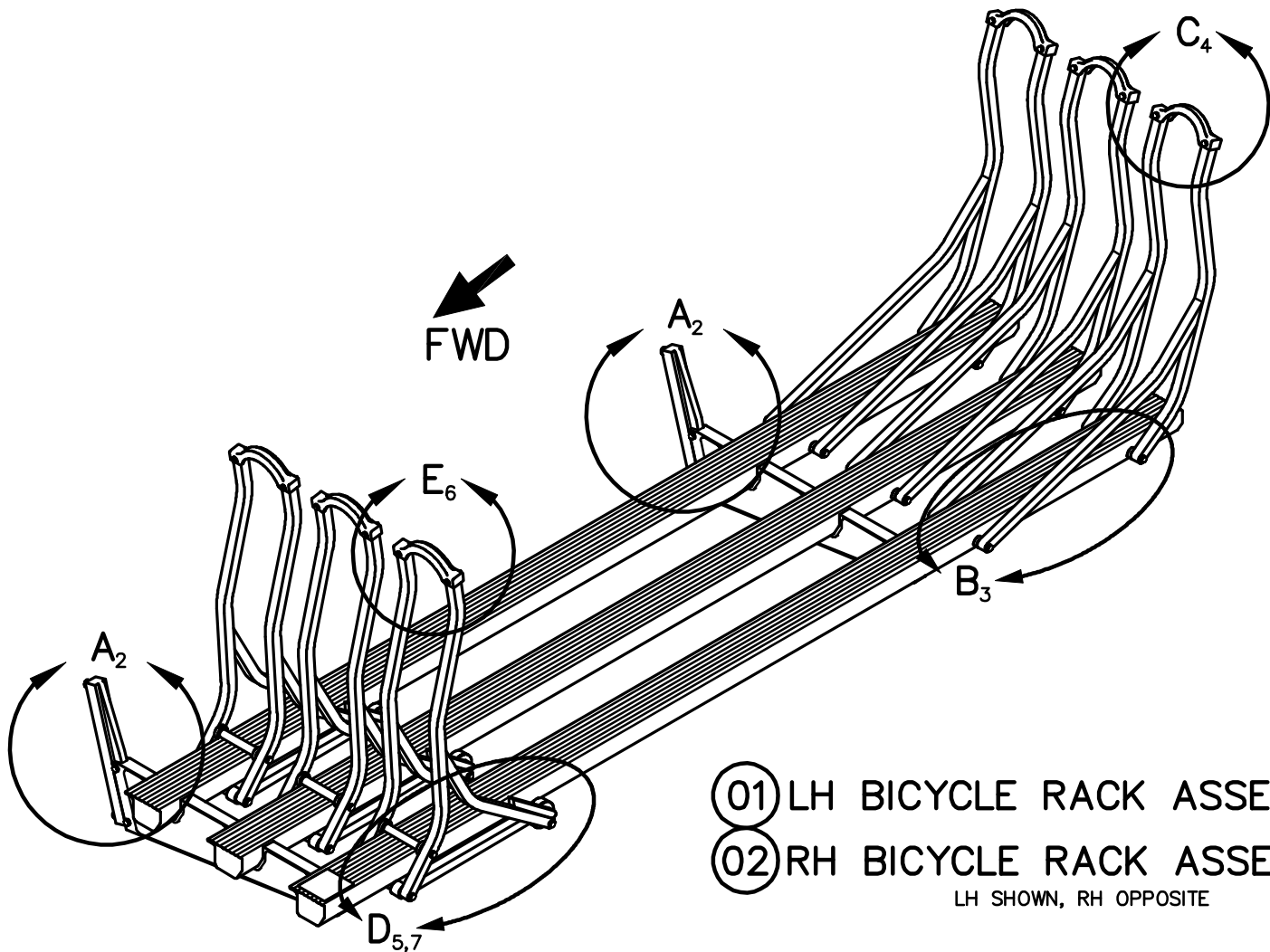



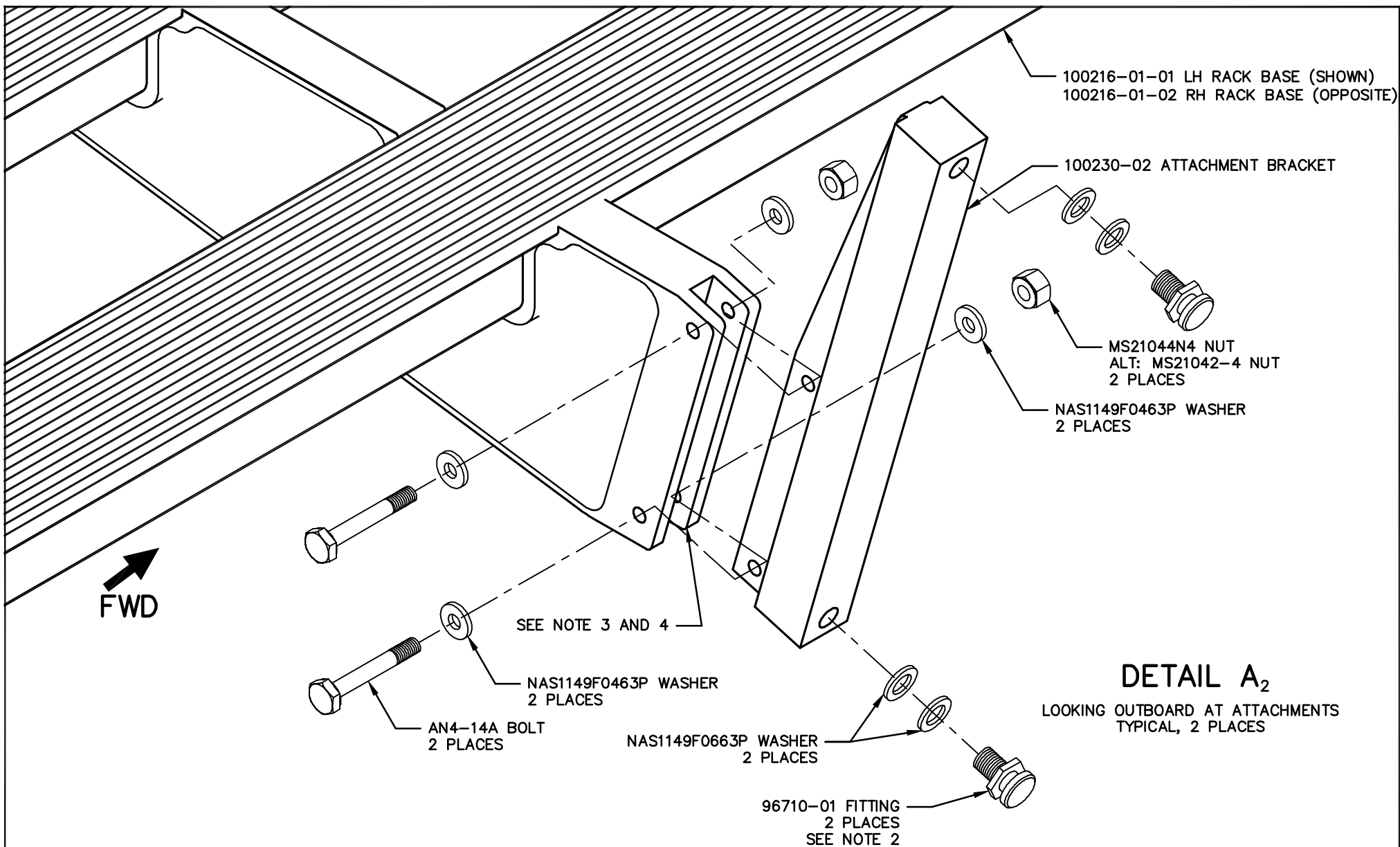
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

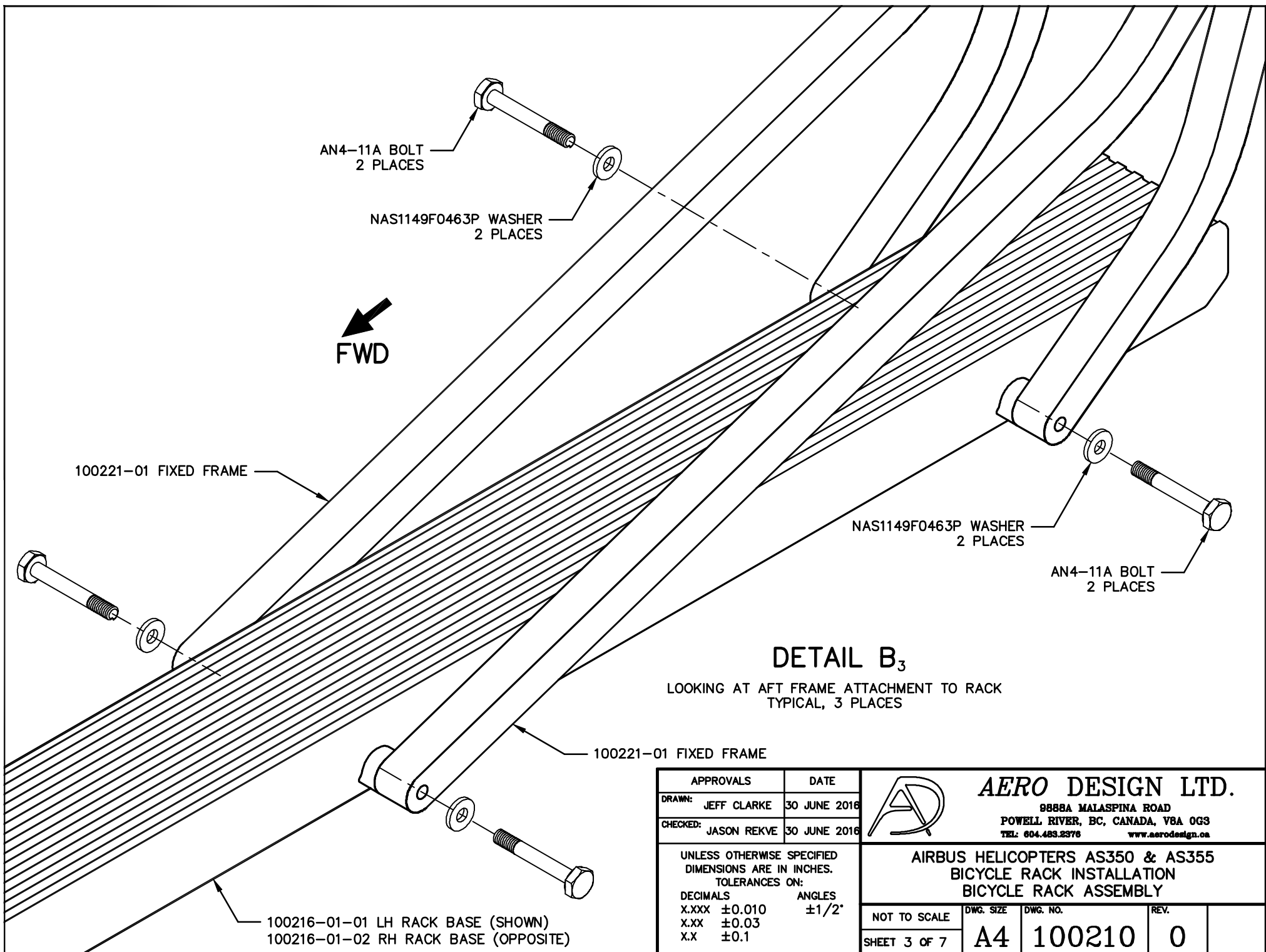



- ① LH BICYCLE RACK ASSEMBLY
 ② RH BICYCLE RACK ASSEMBLY
 LH SHOWN, RH OPPOSITE

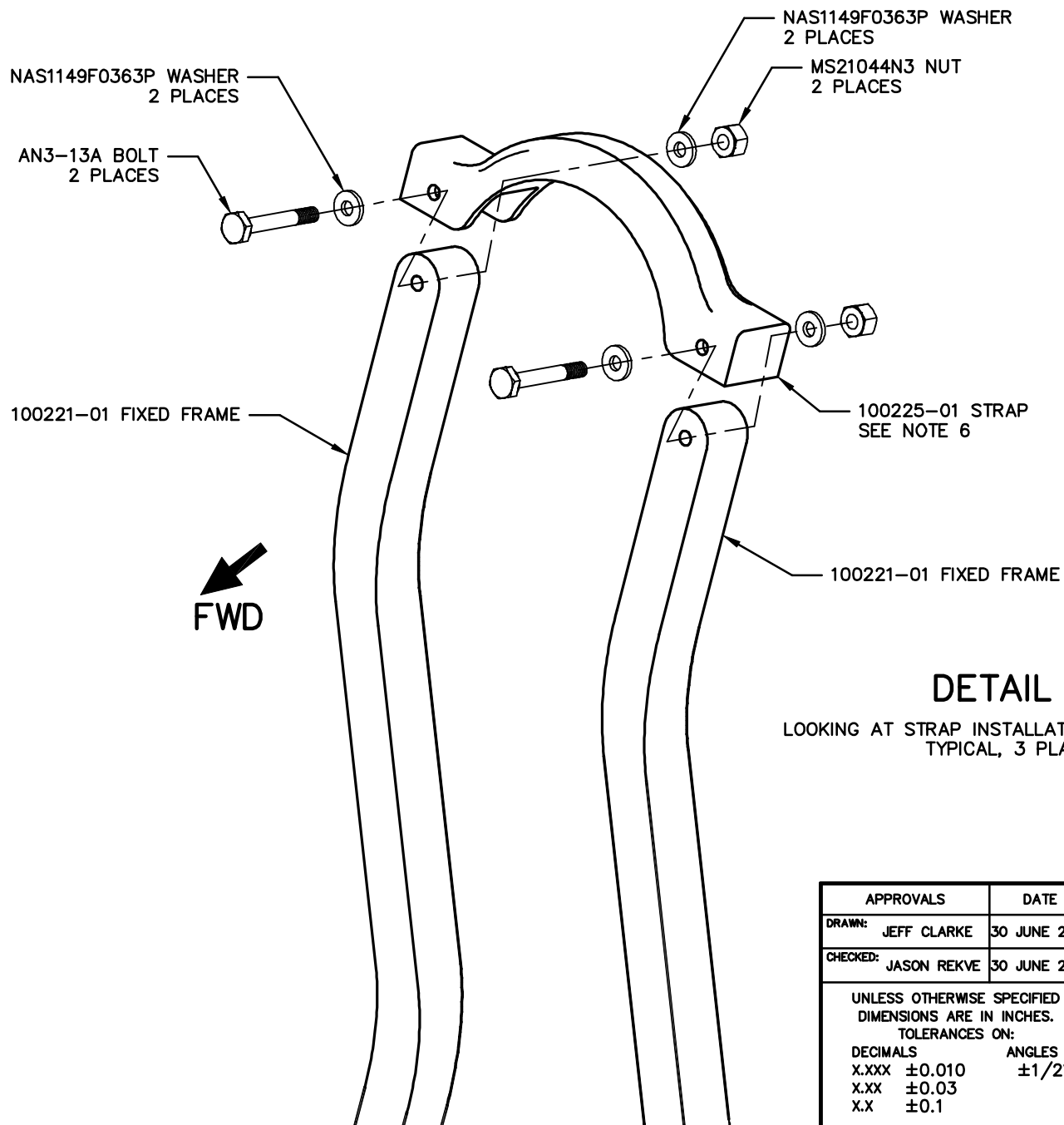
APPROVALS		DATE		 <div>AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376 www.aerodesign.ca</div>	
DRAWN: JEFF CLARKE		30 JUNE 2016			
CHECKED: JASON REKVE		30 JUNE 2016			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				AIRBUS HELICOPTERS AS350 & AS355 BICYCLE RACK INSTALLATION BICYCLE RACK ASSEMBLY	
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 7		A4	100210	0	




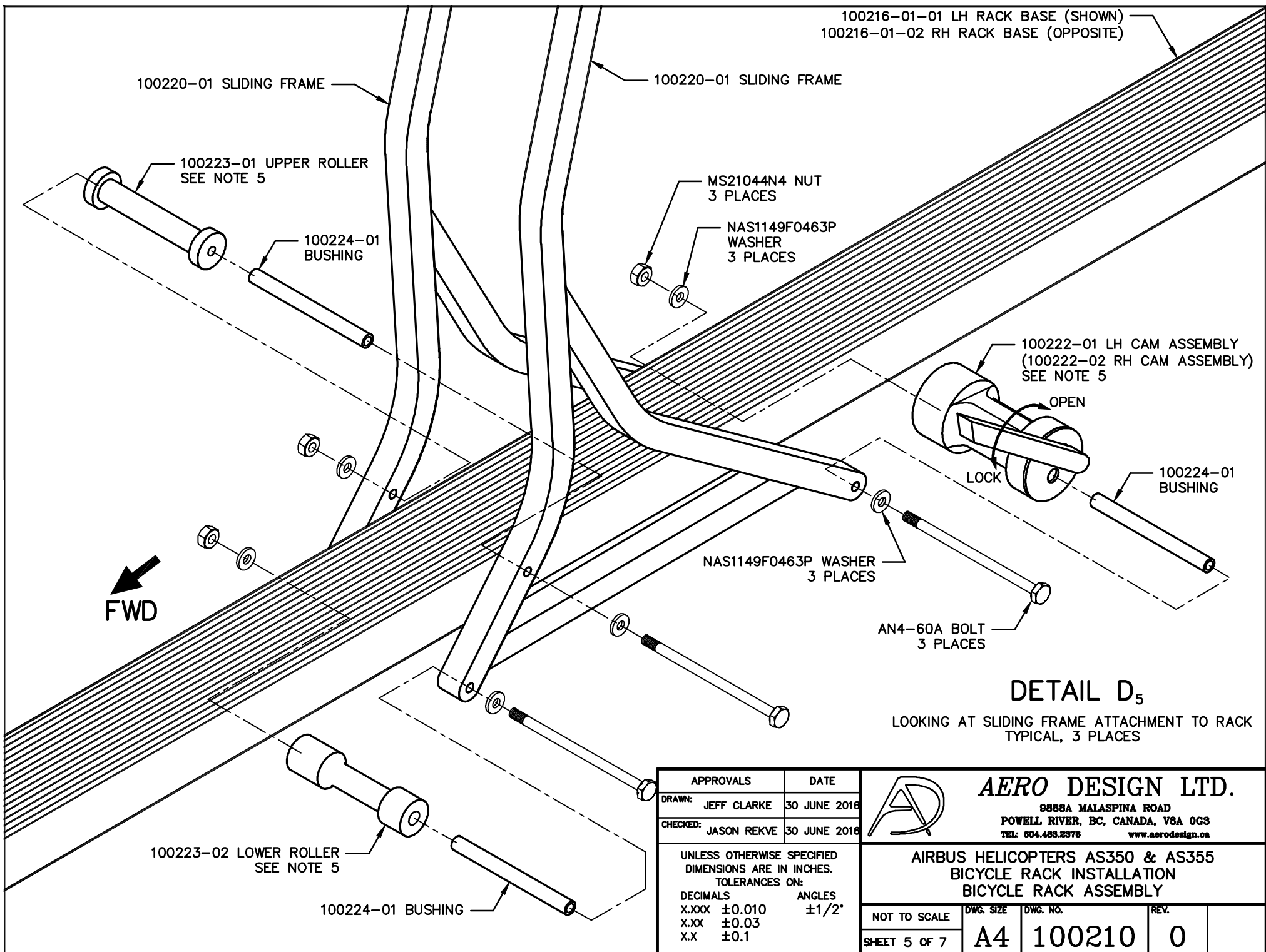
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NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 7		A4	100210	0

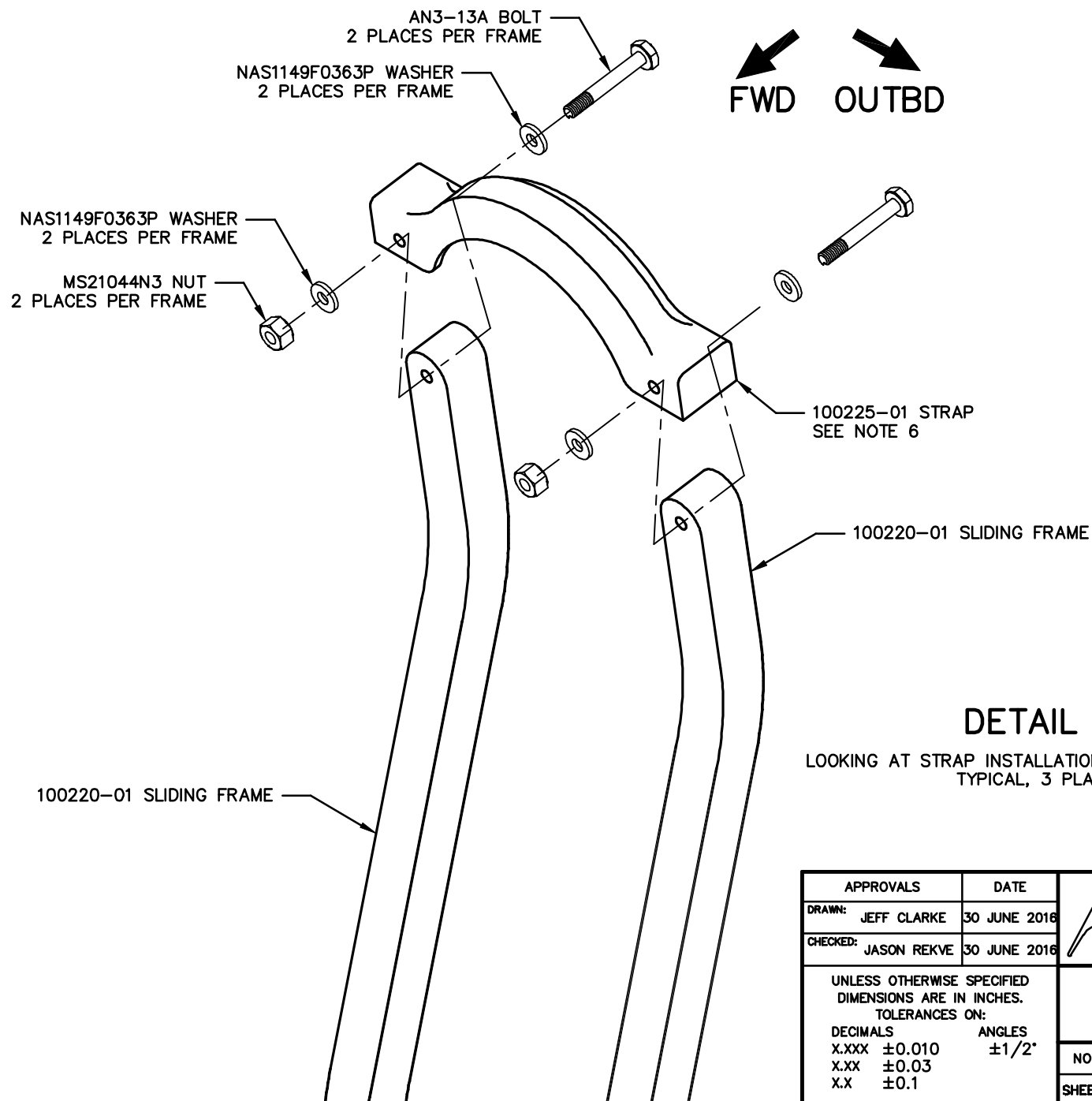



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SHEET 3 OF 7		A4	100210	0	



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				BICYCLE RACK INSTALLATION			
				BICYCLE RACK ASSEMBLY			
NOT TO SCALE				DWG. SIZE	DWG. NO.	REV.	
				A4	100210	0	
SHEET 6 OF 7							

NOTES

1. INSTALL ALL HARDWARE USING STANDARD SHOP PRACTICES AS OUTLINED IN AC43.13-1B, CHAPTER 7 "AIRCRAFT HARDWARE, CONTROL CABLES, AND TURNBUCKLES" OR STANDARD AIRCRAFT WORKERS MANUAL, SECTION 7 "SHOP PRACTICES".
NAS1149F0432P WASHERS MAY BE SUBSTITUTED FOR NAS1149F0463P WASHERS TO MAINTAIN 2-4 THREADS BEYOND LOCKING AS REQUIRED ON ASSEMBLY.
2. APPLY NICKEL BASED ANTI-SEIZE COMPOUND TO THREADS OF FITTING ON INSTALLATION.
3. ANY PAINT OR POWDER COAT THAT PREVENTS INSTALLATION OF ATTACHMENT BRACKET MAY BE REMOVED WITH SCOTCH BRITE. APPLY ALODINE TO UN-COATED AREAS PRIOR TO ASSEMBLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
4. APPLY MASTINOX 6856K, TECTYL 894, OR EQUIVALENT CORROSION PREVENTATIVE COMPOUND TO FLANGE OF ATTACHMENT BRACKET AND BEAM SLOT PRIOR TO ASSEMBLY.
5. ENSURE ROLLERS ARE FREE TO ROTATE WITH CAM OPEN AND FRAME SLIDES ALONG RAIL.
ENSURE CAM ROTATES TO LOCKED POSITION WITH LEVER PARALLEL TO FRAME.
ENSURE FRAME CANNOT SLIDE ON RAIL WHEN CAM IS IN LOCKED POSITION.
6. ANY PAINT OR POWDER COAT THAT PREVENTS INSTALLATION OF STRAP MAY BE REMOVED WITH SCOTCH BRITE. APPLY ALODINE TO UN-COATED AREAS PRIOR TO ASSEMBLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
7. TORQUE AN3 BOLTS TO 12-15 IN-LBS (1.4-1.7 N-m).
TORQUE AN4 BOLTS TO 30-40 IN-LBS (3.4-4.5 N-m).
TORQUE 96710-01 FITTINGS TO 160-190 IN-LBS (18.1-21.5 N-m).

(12)	(12)	MS21042-3	NUT (ALTERNATE)
12	12	MS21044N3	NUT
24	24	NAS1149F0363P	WASHER
12	12	AN3-13A	BOLT
(13)	(13)	MS21042-4	NUT (ALTERNATE)
13	13	MS21044N4	NUT
A/R	A/R	NAS1149F0432P	WASHER
38	38	NAS1149F0463P	WASHER
9	9	AN4-60A	BOLT
4	4	AN4-14A	BOLT
12	12	AN4-11A	BOLT
8	8	NAS1149F0663P	WASHER
4	4	96710-01	FITTING (ALT: ANCRA 40088-14)
9	9	100224-01	BUSHING
3	3	100223-02	LOWER ROLLER
3	3	100223-01	UPPER ROLLER
3		100222-02	RH CAM ASSEMBLY
	3	100222-01	LH CAM ASSEMBLY
6	6	100220-01	SLIDING FRAME
6	6	100225-01	STRAP
6	6	100221-01	FIXED FRAME
2	2	100230-02	ATTACHMENT BRACKET
1		100215-01-02	RH RACK BASE
	1	100215-01-01	LH RACK BASE
		100210-01-02	02 RH BICYCLE RACK ASSEMBLY
		100210-01-01	01 LH BICYCLE RACK ASSEMBLY
02	01	PART NO.	ITEM DESCRIPTION
QTY	QTY	LIST OF MATERIALS	

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NOT TO SCALE				DWG. SIZE	DWG. NO.	REV.	
SHEET 7 OF 7				A4	100210	0	